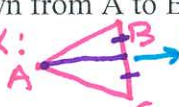


Name: _____ TP: _____

GRASP REVIEW! (Mind the GAP with complete sentences!)

A segment from one of the vertices of a triangle to the midpoint of the opposite side is called a median.

Consider the triangle defined by $A = (-2, 0)$, $B = (6, 0)$, and $C = (4, 6)$. Find an equation for the line that contains the median drawn from A to BC.EX:  Median! It splits \overline{BC} into two equal segments.

$$y = mx + b$$

G
Equal (complete sentences)

- Points make a _____.
- List points: _____, _____, _____
- Define median: _____

R
Required• Equation of a line: $y = \underline{\hspace{2cm}}$

A

I will plot the coordinates on _____ paper. To find the median, I will calculate the _____ of line _____ using the _____ formula: _____

Analysis (complete sentences)

WRITE IT OUT!

S

① (use attached graph paper) Find

② Midpoint:

③ Use point A & the midpoint to find the slope of the median.

④ Plug into $y = mx + b$!

Solve

P

(Does your equation match your graph?)

Paraphrase (complete sentences). PROVE why you are correct.

GRASP REVIEW! (Mind the GAP with complete sentences!)

Chandler was given \$75 for a birthday present. This present, along with earnings from a summer job, is being set aside for a mountain bike. The job pays \$6 per hour, and the bike costs \$345. To be able to buy the bike, how many hours does Chandler need to work?

G

Complete Sentences

* Fill in the bullets with GIVEN information

R

* Fill in the blanks:

A I will ~~we~~ create an _____ because I have a total (\$ _____) & a variable (_____).

Complete Sentences

↓
What value do I NOT know in this problem.

S

* How do you know your answer is correct? PROVE by plugging back in!

P

Complete Sentences